

INTERNATIONAL SEARCH REPORT

International Application No.

JP2005/004733

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F01N9/00 F01N3/025 F01N3/08 F02D41/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F01N F02D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/001038 A (ISUZU MOTORS LIMITED; IMAI, TAKEHITO; SUZUKI, TSUNEO; GABE, MASASHI; O) 3 January 2003 (2003-01-03)	1
A	abstract; figures & EP 1 400 663 A (ISUZU MOTORS LIMITED) 24 March 2004 (2004-03-24) column 5, line 1 - line 8	12
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 05, 12 May 2003 (2003-05-12) & JP 2003 020930 A (TOYOTA MOTOR CORP), 24 January 2003 (2003-01-24) cited in the application abstract	1, 12

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

30 May 2005

Date of mailing of the international search report

06/06/2005

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Information on patent family members

International Application No



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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03001038	A	03-01-2003	JP 2003003833 A	08-01-2003
			CN 1514906 A	21-07-2004
			EP 1400663 A1	24-03-2004
			WO 03001038 A1	03-01-2003
			US 2004035101 A1	26-02-2004
EP 1400663	A	24-03-2004	JP 2003003833 A	08-01-2003
			EP 1400663 A1	24-03-2004
			US 2004035101 A1	26-02-2004
			CN 1514906 A	21-07-2004
			WO 03001038 A1	03-01-2003
JP 2003020930	A	24-01-2003	NONE	

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